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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted with Initial Filing      OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	60426-200; 2000P07837US01
	First Named Inventor	Desai, et al.
	<b>COMPLETE IF KNOWN</b>	
	Application Number	09 / 935,199
	Filing Date	08/22/2001
	Group Art Unit	
Examiner Name		

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**REMOTE KEYLESS ENTRY SYSTEM WITH TWO MODES OF DEMODULATION**

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) **08/22/2001** as United States Application Number or PCT International (if applicable).

Application Number **09/935,199** and was amended on (MM/DD/YYYY) \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
60/227,416	08/23/2000	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR :

☐ A petition has been filed for this unsigned inventorGiven Name  
(first and middle (if any)) **Tejas B.**Family Name  
or Surname **DESAI**Inventor's  
Signature

Date

Residence: City **Sterling Heights**State **MI**Country **U.S.**Citizenship **U.S.**Mailing Address **43521 Holmes Drive**Mailing Address **43521 Holmes Drive**City **Sterling Heights**State **MI**ZIP **48314-1876**Country **U.S.**

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventorGiven Name  
(first and middle (if any)) **Michael**Family Name  
or Surname **THOMAS**Inventor's  
Signature

Date

Residence: City **Grand Blanc**State **MI**Country **U.S.**Citizenship **U.S.**Mailing Address **8435 Jordan Road**Mailing Address **8435 Jordan Road**City **Grand Blanc**State **MI**ZIP **48439**Country **U.S.**☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

[Page 2 of 2]

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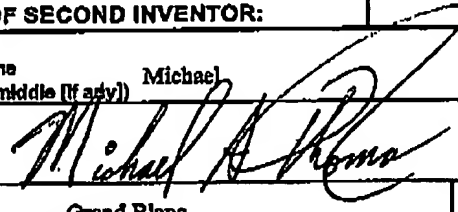
PTO/SB/01 (10-00)

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Tejas B.		Family Name or Surname	
Inventor's Signature				Date	
Residence: City		Sterling Heights		State MI	
				Country U.S.	
Mailing Address		43521 Holmes Drive		Citizenship U.S.	
Mailing Address		43521 Holmes Drive			
City		Sterling Heights		State MI	
				ZIP 48314-1876	
				Country U.S.	
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Michael		Family Name or Surname	
Inventor's Signature				Date 8-31-01	
Residence: City		Grand Blanc		State MI	
				Country U.S.	
Mailing Address		8435 Jordan Road		Citizenship U.S.	
Mailing Address		8435 Jordan Road			
City		Grand Blanc		State MI	
				ZIP 48439	
				Country U.S.	
<input type="checkbox"/> Additional Inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

[Page 2 of 2]

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PTO/SB/02C (3-97)  
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 valid OMB control number.

**DECLARATION**
**REGISTERED PRACTITIONER  
 INFORMATION  
 (Supplemental Sheet)**

Name	Registration Number	Name	Registration Number
Laura M. Slenzak	35,363	John E. Carlson	37,794
Adel A. Almed	29,606	David J. Gaskey	37,139
I. Marc Asperas	37,274	William S. Gottschalk	44,130
Stanton C. Braden	32,556	Kerrie A. Laba	42,777
Robert T. Canvan	37,592	Theodore W. Olds	33,080
Joseph S. Codispoti	31,819	David L. Wisz	46,350
Lawrence C. Edelman	29,299	Pasquale Musacchio	36,876
Mark H. Jay	27,507	Eric C. Swanson	40,194
Rosa S. Kim	39,728	Tracy L. Hurt	34,188
Peter A. Luccarelli, Jr.	29,750	John Musone	44,961
Jeffrey P. Morris	25,307	Karin H. Butchko	45,864
Donald B. Paschburg	33,753	John Siragusa	46,174
Darryl A. Smith	37,756	Anthony P. Cho	47,209
Daniel J. Staudt	34,733		
Heather S. Vance	39,033		
Scott T. Weingaertner	37,756		
Robert A. Whitman	36,966		
Frank J. Nuzzi	42,944		

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Form PTO-1595

(Rev. 6/93)

OMB No. 0651-0011

## RECORDATION FORM COVER SHEET

U. S. Dept. of Commerce  
Patent and Trademark Office

## PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof

<b>1. Name of Conveying Party(ies):</b> Tejas B. Desai Michael Thomas  Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		<b>2. Name and address of receiving party(ies)</b> Name: <u>Siemens Automotive Corporation</u> Street Address: <u>2400 Executive Hills Drive</u> City: <u>Auburn Hills</u> State: <u>Michigan</u> Zip: <u>48326-2980</u>  Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agt. <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other _____  Execution Date: <u>8/10/2001; 8/31/2001</u>			
<b>4. Application number(s) or patent number(s):</b>  If this document is being filed together with a new application, the execution date is:  A. Patent Application No.(s) <u>09/935,199</u> B. Patent No(s). _____ Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Name: <u>Elsa Keller</u> +  Internal Address: <u>(Same as Street Address)</u>  Street Address: <u>186 Wood Avenue South</u>  City: <u>Iselin</u> State: <u>New Jersey</u> Zip: <u>08830</u>		<b>6. Total no. of applications and patents involved</b> <u>One</u>	
		<b>7. Total fee (37 CFR 3.41) .....</b> <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account	
		<b>8. Deposit account number:</b> _____  (Attach duplicate copy of this page if paying by deposit account)	
<b>DO NOT USE THIS SPACE</b>			
<b>9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</b>  David I. Gaskey _____ Name of Person Signing Signature  Total number of pages including cover sheet, attachments and document: <u>4</u>  October 22, 2001 Date			

60,426-200  
2000P07837US01

**ASSIGNMENT**  
**(Joint Inventors)**

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, we, Tejas B. Desai and Michael Thomas residing respectively at 43251 Holmes Drive, Sterling Heights, MI 48314-1876 and 8435 Jordan Road, Grand Blanc, MI 48439 do hereby assign, sell and set over to Siemens Automotive Corporation organized and existing under the laws of the State of Michigan and having a place of business at 2400 Executive Hills Drive, Auburn Hills, Michigan 48326, hereinafter referred to as ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

**REMOTE KEYLESS ENTRY SYSTEM  
WITH TWO MODES OF DEMODULATION**

which was filed on August 23, 2000 as United States Provisional Patent Application Serial No. 60/227,416, and as set forth in an application for Letters Patent in the United States executed on even date herewith, attorney docket number 60,426-200; 2000P07837US01; including the right of said ASSIGNEE, its successors, assigns or other legal representatives to file foreign patent applications corresponding to said application, and the right to claim the priority date of said application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents, the same to be held and enjoyed by the ASSIGNEE, as fully and entirely as the same would have been held by us had this Assignment and sale not been made.

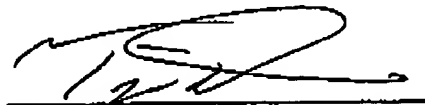
And we hereby covenant and agree that we, our heirs, successors, assigns or other legal representatives will at any time upon the request and at the expense of the ASSIGNEE, its successors, assigns, or other legal representatives execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor.

And we hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the ASSIGNEE in accordance with this Agreement.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

August 19, 2001  
Date

\_\_\_\_\_  
Date

  
Tejas B. Desai

\_\_\_\_\_  
Michael Thomas

60,426-200  
2000P07837US01**ASSIGNMENT**  
**(Joint Inventors)**

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, we, Tejas B. Desai and Michael Thomas residing respectively at 43251 Holmes Drive, Sterling Heights, MI 48314-1876 and 8435 Jordan Road, Grand Blanc, MI 48439 do hereby assign, sell and set over to Siemens Automotive Corporation organized and existing under the laws of the State of Michigan and having a place of business at 2400 Executive Hills Drive, Auburn Hills, Michigan 48326, hereinafter referred to as ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

**REMOTE SIGNALLING RECEIVER SYSTEM  
WITH AT LEAST TWO MODES OF DEMODULATION**

which was filed on August 23, 2000 as United States Provisional Patent Application Serial No. 60/227,416, and as set forth in an application for Letters Patent in the United States executed on even date herewith, attorney docket number 60,426-200; 2000P07837US01; including the right of said ASSIGNEE, its successors, assigns or other legal representatives to file foreign patent applications corresponding to said application, and the right to claim the priority date of said application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents, the same to be held and enjoyed by the ASSIGNEE, as fully and entirely as the same would have been held by us had this Assignment and sale not been made.

And we hereby covenant and agree that we, our heirs, successors, assigns or other legal representatives will at any time upon the request and at the expense of the ASSIGNEE, its successors, assigns, or other legal representatives execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor.

And we hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the ASSIGNEE in accordance with this Agreement.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

\_\_\_\_\_  
Date

8-31-01

\_\_\_\_\_  
Date\_\_\_\_\_  
Tejas B. Desai\_\_\_\_\_  
Michael Thomas

60,426-320

**Please address all correspondence and telephone calls and, upon recordation, please return this document to:**

**Elsa Keller  
Siemens Corporation  
186 Wood Avenue South  
Iselin, New Jersey 08830**

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